ERIKS O-ring EPDM 70 Compound 55914

You use this black EPDM 70 O-ring seal from ERIKS for acids, bases and hot water. This product is suitable for static applications and slow, dynamic applications. It offers standardised quality and is mainly used in general industry.

Characteristics

Material: EPDM
Colour: Black
Hardness: 70
Compound: 55914
Temperature range: -55 / 130 °C

Application

- Temperature resistanceThis O-ring has an operating temperature range of -55°C to +130°C. Is the temperature in your application higher than +130°C, due to the presence of steam for example? If so, choose Compound 55915. Maximum pressureCompound 55914 has a Shore A hardness of 70. This means that this O-ring is suitable for applications with a pressure of up to 80 bars. Furthermore, the guidelines in the chart below must be adhered to. This chart shows the relationship between the pressure in your application, the hardness of your O-ring, the groove size and the sealing gap. Are you going to use this EPDM O-ring seal in a slow, dynamic application with a pressure of 50 bars or higher? If so, we advise you to use back-up rings. Chemical resistanceThis EPDM rubber offers good resistance to acids, bases and hot water. In addition, it is resistant to ozone and UV radiation. This material is not suitable for applications that involve exposure to greases and mineral and animal oils.

Internal diameter	Cross section	Size according to AS568-BS1806-ISO3601	Size according to DIN11864	Article
mm	mm			Max. 200 articles in the table
0.74	1.02	001		10021694
1.07	1.27	002		10021695
1.15	1			10021629
1.42	1.52	003		10021696
1.78	1.78	004		10021697
2.06	2.62	103		10021710
2.2	1.6			10021628
2.57	1.78	005		10021698
2.84	2.62	104		10021711
2.9	1.78	006		10021633
3.4	1.9			10021619
3.63	2.62	105		10021712
3.68	1.78	007		10021699
4.42	2.62	106		10021713
4.47	1.78	008		10021700
4.7	1.42	901		10021683
5.23	2.62	107		10021714

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mm	mm			Max. 200 articles in the table
5.28	1.78	009		10021701
5.7	1.9			10021620
6	2.2			10021631
6.02	2.62	108		10021715
6.07	1.63	902		10021727
6.07	1.78	010		10021702
6.4	1.9			10021630
7.52	3.53	203		10021724
7.59	2.62	109		10021634
7.65	1.78	011		10021703
8.9	1.9			10021621
8.9	2.7			10021622
8.92	1.83	904		10021728
9.12	3.53	204		10021725
9.19	2.62	110		10021635
9.25	1.78	012		10021704
10.5	2.7			10021632
10.69	3.53	205		10021791
10.77	2.62	111		10021756
10.82	1.78	013		10021731
11.89	1.98	906		10021729
12.29	3.53	206		10021792
12.37	2.62	112		10021757
12.42	1.78	014		10021732
13.87	3.53	207		10021793
13.94	2.62	113		10021758
14	1.78	015		10021623
15.1	2.7			10021686
15.47	3.53	208		10021794
15.54	2.62	114		10021759
15.6	1.78	016		10021705
17.04	3.53	209		10021795
17.12	2.62	115		10021760
17.17	1.78	017		10021733
18.3	3.6			10021687
18.64	3.53	210		10021796
18.72	2.62	116		10021761
18.77	1.78	018		10021734
19.8	3.6			10021688
20.22	3.53	211		10021797
20.29	2.62	117		10021716
20.35	1.78	019		10021735
21.82	3.53	212		10021798
21.89	2.62	118		10021717
21.95	1.78	020		10021736
23.39	3.53	213		10021799
23.47	2.62	119		10021762
23.52	1.78	021		10021737
24.6	3.6			10021689
24.99	3.53	214		10021800
25	2.4			10021730
25.07	2.62	120		10021763

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mm	mm			Max. 200 articles in the table
25.12	1.78	022		10021738
26.57	3.53	215		10021801
26.64	2.62	121		10021764
26.7	1.78	023		10021706
27.8	3.6			10021690
28.17	3.53	216		10021802
28.24	2.62	122		10021765
28.3	1.78	024		10021707
29.74	3.53	217		10021803
29.82	2.62	123		10021766
29.87	1.78	025		10021739
30.8	3.6			10021691
31.34	3.53	218		10021804
31.42	2.62	124		10021767
31.47	1.78	026		10021740
32.5	3.6			10021692
32.92	3.53	219		10021805
32.99	2.62	125		10021625
33.05	1.78	027		10021741
34.1	3.6			10021693
34.52	3.53	220		10021806
34.59	2.62	126		10021718
34.65	1.78	028		10021742
36.09	3.53	221		10021807
36.17	2.62	127		10021768
37.69	3.53	222		10021808
37.77	2.62	128		10021769
37.82	1.78	029		10021743
39.34	2.62	129		10021770
40.87	3.53	223		10021809
40.94	2.62	130		10021771
41	1.78	030		10021624
42.52	2.62	131		10021772
43.69	3	924		10021627
44.04	3.53	224		10021810
44.12	2.62	132		10021773
44.17	1.78	031		10021744
45.69	2.62	133		10021719
47.22	3.53	225		10021811
47.29	2.62	134		10021720
47.35	1.78	032		10021745
48.9	2.62	135		10021721
50.39	3.53	226		10021812
50.47	2.62	136		10021774
50.52	1.78	033		10021746
52.07	2.62	137		10021775
53.57	3.53	227		10021813
53.64	2.62	138		10021776
53.7	1.78	034		10021708
55.25	2.62	139		10021777
56.74	3.53	228		10021814
56.82	2.62	140		10021778

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Internal diameter	Cross section	Size according to AS568-BS1806-ISO3601	Size according to DIN11864	Article
mm	mm			Max. 200 articles in the table
56.87	1.78	035		10021747
58.42	2.62	141		10021779
59.92	3.53	229		10021815
59.99	2.62	142		10021780
60.05	1.78	036		10021748
61.6	2.62	143		10021722
63.09	3.53	230		10021816
63.17	2.62	144		10021781
63.22	1.78	037		10021749
64.77	2.62	145		10021782
66.27	3.53	231		10021817
66.34	2.62	146		10021783
66.4	1.78	038		10021709
67.95	2.62	147		10021784
69.44	3.53	232		10021818
69.52	2.62	148		10021785
69.57	1.78	039		10021750
71.12	2.62	149		10021786
72.62	3.53	233		10021819
72.69	2.62	150		10021723
72.75	1.78	040		10021751
75.79	3.53	234		10021726
75.87	2.62	151		10021787
75.92	1.78	041		10021752
78.97	3.53	235		10021820
82.14	3.53	236		10021821
82.22	2.62	152		10021788
82.27	1.78	042		10021753
85.32	3.53	237		10021822
88.49	3.53	238		10021823
88.57	2.62	153		10021789
88.62	1.78	043		10021754
94.92	2.62	154		10021790
94.97	1.78	044		10021755
113.67	6.99	425		10021637
116.84	6.99	426		10021638
120.02	6.99	427		10021639
123.19	6.99	428		10021640
126.37	6.99	429		10021641
129.54	6.99	430		10021642
132.72	6.99	431		10021643
135.89	6.99	432		10021644
139.07	6.99	433		10021645
142.24	6.99	434		10021646
145.42	6.99	435		10021647
148.59	6.99	436		10021648
151.77	6.99	437		10021649
151.99	3.53	258		10021636
158.12	6.99	438		10021650
164.47	6.99	439		10021651
170.82	6.99	440		10021652
177.17	6.99	441		10021653

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Internal diameter	Cross section	Size according to AS568-BS1806-ISO3601	Size according to DIN11864	Article
mm	mm			Max. 200 articles in the table
183.52	6.99	442		10021654
189.87	6.99	443		10021655
196.22	6.99	444		10021656
202.57	6.99	445		10021657
227.97	6.99	447		10021659
240.67	6.99	448		10021660
253.37	6.99	449		10021661
266.07	6.99	450		10021662
278.77	6.99	451		10021663
291.47	6.99	452		10021664
304.17	6.99	453		10021665
316.87	6.99	454		10021666
329.57	6.99	455		10021667
342.27	6.99	456		10021668
354.97	6.99	457		10021669
380.37	6.99	459		10021670
393.07	6.99	460		10021671
405.26	6.99	461		10021672
417.96	6.99	462		10021673
443.36	6.99	464		10021674
468.76	6.99	466		10021675
481.46	6.99	467		10021676
557.66	6.99	471		10021678
582.68	6.99	472		10021679
608.08	6.99	473		10021680
658.88	6.99	475		10021682

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